

ABSTRACT

The present invention relates to systems and methods that facilitate annotating digital documents (e.g., digital inking) with devices such as Tablet PCs, PDAs, cell phones, and the like. The systems and methods provide for multi-scale navigation during document annotating via a space-scale framework that fluidly generates and moves a zoom region relative to a document and writing utensil. A user can employ this zoom region to annotate various portions of the document at a size comfortable to the user and suitably scaled to the device display. The space-scale framework enables dynamic navigation, wherein the zoom region location, size, and shape, for example, can automatically adjust as the user annotates. When the user finishes annotating the document, the annotations scale back with the zoom region to original page size. These novel features provide advantages over conventional techniques that do not contemplate multi-scale navigation during document annotating.